mega policy, a lower qaulifying capacity has been provided for the States of J&K, Sikkim and the North-Eastern States at a minmum 350 MW for hydel power projects and 700 MW for thermal power projects as compared to a minimum of 500 MW for hydel power projects and 1000 MW for thermal power projects in the other parts of the country.

Requirement of coal and gas for thermal power plants

†247. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of POWER be pleased to refer to answer to Unstarred Question 2985, given in the Rajya Sabha on the 30th April, 2007 and state:

(a) the estimated quantity of coal and gas required per year for the thermal power stations proposed to be set up during the Eleventh Five Year Plan; and

(b) the arrangement proposed for its supply?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) During the terminal year of the Eleventh Plan (2011-12), the estimated quantity of coal and gas required for the thermal power stations (TPSs) now proposed to be set up during the Eleventh Plan would be as under:

i. Coal Requirement : 262 Million Tonne

ii. Average Gas Requirement : 20 Million Metric Standard Cubic Meter per day

(b) Coal requirement of the thermal power stations proposed to be set up during the Eleventh Plan (except for Trombay TPS, Sikka TPS, Torangallu TPS and part requirement of Krishnapatnam TPS which are based on imported coal) would be met from Coal India Ltd., Singareni Coalfields Ltd. and captive mines of TPSs, Shortfall, if any, is proposed to be met through imported coal.

The requirement of gas for gas based power plants proposed to be set up during the Eleventh Plan is envisaged to be met through indigenous sources, such as ONGC, IOC, PMT, JV and import of LNG.

Improvement in power situation

†248. SHRI JANESHWAR MISHRA:
SHRI BRIJ BHUSHAN TIWARI:

Will the Minister of POWER be pleased to state:

(a) whether Government's attention has been drawn towards the increasing power crisis in the country;

(b) whether it is a fact that there has been heavy decline in power production in majority of the States and their electricity boards are continuously reeling under loss;

(c) whether it is also a fact that Central Government have also failed in generating optimum power; and

(d) if so, the efforts made by Government for improving the power situation?

†Original notice of the question was received in Hindi

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) There is overall shortage of power in the country, the shortages varying from State to State and season to season as well as times of the day depending on demand and supply of power. During April-July, 2007, the energy and peak shortage in the country were 7.9% and 13.4% respectively.

(b) The region/State-wise details of actual generation during the year 2007-08 (upto July' 07) compared with the corresponding period last year are given in Statement-I (*See* below). It may be seen from there that the State & private sector generation during 2007-08 (upto July' 07) has been more than corresponding period of last year in Northern, Western and North-Eastern Regions and lower in Southern and Eastern Regions.

The commercial losses (without subsidy) in power sector during the years 2003-04, 2004-05 and 2005-06 in the country were of the order of Rs. 19107 crores, Rs. 23880 crores and Rs. 19546 crores respectively. State-wise and year-wise details are given in Statement-II (*See* below).

(c) During 2006-07, the total generation of power by Central Public Sector Undertaking was about 275 Billion Units (BU) against a target of 273 BU.

(d) Does not arise in view of answer to part (c) of the question.

Statement-I

State-wise/category-wise/sector-wise target/generation during April'07 to July'07

Region/ State	Type	Sector	Capacity (MW) (As on 31.07.07)	April, 07 to July 07		April, 06 to July, 06
				Target (MU)	Actual Generation on (MU)	Last year Actual Generation on (MU)
NR						
Delhi	Thermal	State	994.9	1857	1877.44	1769.65
Haryana	Thermal	State	154.0	3269	3412.3	3195.43
	Hydro		62.4	98	101.44	100.31
	Total		**1602.4**	**3367**	**3513.74**	**3295.74**
Himachal Pradesh	Hydro	State	450.6	863	800.64	532.44
		Private	386	717	824.09	765.23
	Total		**836.6**	**1580**	**1624.73**	**1297.67**
Jammu & Kashmir	Thermal	State	175	0	0	0
	Hydro	State	310.9	527	413.58	440.04
	Total		**485.9**	**527**	**413.58**	**440.04**
Pujnab	Thermal	State	2120	5116	5486.25	4992.49
	Hydro	State	1142.5	1670	2078.74	1597.59
	Total		**3262.5**	**6786**	**7564.99**	**6590.08**
Rajasthan	Thermal	State	2753.8	5682	5584.49	6145.24
	Hydro	State	430	150	382.46	24.27
	Total		**3183.8**	**5832**	**5966.95**	**6169.51**

Region/ State	Type	Sector	Capacity (MW) (As on 31.07.07)	April, 07 to July 07		April, 06 to July, 06
				Target (MU)	Actual Generation on (MU)	Last year Actual Generation on (MU)
NR						
Uttar Pradesh	Thermal	State	4380	7912	7270.72	7015.49
	Hydro	State	522.6	352	367.73	326.51
	Total		**4902.6**	**8264**	**7638.45**	**7342**
Uttarakhand	Hydro	State	978	1313	1326.5	1268.51
		Private	400	815	924.29	122.18
	Total		**1378**	**2128**	**2250.79**	**1390.69**
Central	Thermal		9362	23319	23906.24	22007.3
	Nuclear		1180	1527	1185.17	1694.07
	Hydro		8377.2	13647	15631.43	13012.17
NR Total			**35565.9**	**68834**	**71573.51**	**65008.92**
WR						
Chhattisgarh	Thermal	State	1530	2835	3002.3	2746.9
	Hydro	State	132	90	87.96	68.42
	Total		**1662**	**2925**	**3090.26**	**2815.32**
Goa	Thermal	Private	48	114	108.42	123.26
Gujarat	Thermal	State	4653.7	10099	9455.45	9077.66
		Private	2070	4437	4763.75	4825.39
	Hydro	State	1995	1287	1692.18	790.64
	Total		**8718.7**	**15823**	**15911.38**	**14693.69**
Madhya Pradesh	Thermal	State	2782.5	4919	4340.77	4834.33
	Hydro	State	905	262	875.76	289.34
		Private	13.5	10	0	0
	Total		**3701**	**5191**	**5216.53**	**5123.67**
Maharashtra	Thermal	State	7712	16665	15326.39	15307.93
		Private	1830	4877	4858.76	4720.94
	Hydro	State	2341.8	1342	1605.56	1283.65
		Private	488	610	752.16	754.46
	Total		**12371.8**	**23494**	**22542.87**	**22066.98**
Central	Thermal		7892	16698	17708.65	14510.52
	Nuclear		1840	3512	3519.82	2755.79
	Hydro		1065	963	858.57	483.76
WR Total			**37298.5**	**68720**	**68956.5**	**62572.99**
Andhra Pradesh	Thermal	State	3404.5	9147	7966.52	8383.85
		Private	1640.2	1670	2089.99	1818.27
	Hydro	State	3628.9	1505	2502.37	2128.5
	Total		**8673.6**	**12322**	**12558.88**	**12330.62**
Karnataka	Thermal	State	1597.8	3965	3660.5	3942.84
		Private	586.5	406	609.24	708.42
	Hydro	State	3360.8	4510	4110.1	4117.02
		Private	53.2	29	8.37	27.07
	Total		**5598.3**	**8910**	**8388.21**	**8795.35**

Region/ State	Type	Sector	Capacity (MW) (As on 31.07.07)	April, 07 to July 07		April, 06 to July, 06
				Target (MU)	Actual Generation on (MU)	Last year Actual Generation on (MU)
Kerala	Thermal	State	234.6	29	113.22	56.64
		Private	195.8	21	170.2	76.31
	Hydro	State	1815.7	2376	2342	2672.92
		Private	31	30	30.15	32.56
	Total		**2277.1**	**2456**	**2655.57**	**2838.43**
Lakshadweep	Thermal	State	10	8	9.62	9.33
Pondicherry	Thermal	State	32.5	86	94.55	90.02
Tamil Nadu	Thermal	State	3493.2	8108	7846.79	7931.94
		Private	1164.8	2166	2425.81	1719.81
	Hydro	State	2170.6	1361	1591.78	2076.85
	Total		**6828.6**	**11635**	**11864.38**	**11728.6**
Central	Thermal		6440	15197	16605.62	15007.68
	Nuclear		1100	1895	1640.4	1688.75
SR Total			**30960.1**	**52509**	**53817.23**	**52488.78**
ER						
A&N Islands	Thermal	State	40.1	20	31.64	21.08
		Private	20	32	32.19	36.31
	Hydro	State	5.3	4	2.07	3.01
	Total		**65.4**	**56**	**65.9**	**60.4**
Bihar	Thermal	State	540	236	0	22.82
	Hydro	State	44.9	20	11.44	14.84
	Total		**584.9**	**256**	**11.44**	**37.66**
Jharkhand	Thermal	State	1260	1122	949.2	1079.52
		Private	360	822	737.83	689.53
	Hydro	State	130	22	28.66	36.26
	Total		**1750**	**1966**	**1715.69**	**1805.31**
Orissa	Thermal	State	420	1066	911.33	1075.52
		Private	0	230	214.4	272.83
	Hydro	State	1861.5	1663	2345.48	1947.05
	Total		**2281.5**	**2959**	**3471.21**	**3295.4**
Sikkim	Thermal	State	5	0	0.02	0.04
	Hydro	State	32	15	14.09	11.82
	Total		**37**	**15**	**14.11**	**11.86**
West Bengal	Thermal	State	3315	5686	5891.76	6093.11
		Private	1069.2	2662	2839.42	2795.6
	Hydro	State	381.5	127	136.93	139.73
	Total		**4765.7**	**8475**	**8868.11**	**9028.44**
Central	Thermal		9310	19676	20647.66	18869.53
	Hydro		204	199	249.74	202.77
ER Total			**18998.5**	**33602**	**35043.86**	**33311.37**

Region/ State	Type	Sector	Capacity (MW) (As on 31.07.07)	April, 07 to July 07		April, 06 to July, 06
				Target (MU)	Actual Generation on (MU)	Last year Actual Generation on (MU)
NER						
Ar. Pradesh	Hydro	State	10.5	7	1.32	0
Assam	Thermal	State	574.5	437	297.06	259.33
		Private	24.5	58	32.83	35.83
	Hydro	State	100	131	114.62	0
	Total		699	626	444.51	295.16
Manipur	Thermal	State	36	2	0	1.5
Meghalaya	Hdro	State	185.2	196	164.56	135.07
Mizoram	Thermal	State	22.8	0	1.28	1.42
Nagaland	Hydro	State	24	46	32.43	0
Tripura	Thermal	State	111	161	186.13	161.94
	Hydro	State	15	17	11.12	18.11
	Total		**126**	**178**	**197.25**	**180.05**
Central	Thermal		375	736	774.71	835.7
	Hydro		845	1357	1303.31	1116.69
NER Total			**2323.5**	**3148**	**2919.37**	**2565.59**
Bhatan Import	Hydro	-		3321	1897.51	752.83
All India			**125146.5**	**230134**	**234208.0**	**216700.5**

Statement-II

Statewise and year-wise details of losses in power sector

Profit/(Loss) without Subsidy

Region	State	Utility	2003-04	2004-05	2005-06
Eastern	Bihar	BSEB	(690)	(1,268)	(1,515)
	Jharkhand	JSEB	(370)	(331)	(507)
	Orissa	CESCO	(63)	(61)	(84)
		GRIDCO	418	357	26
		NESCO	(79)	(96)	(2)
		OHPC	6	59	(24)
		OPGCL	136	143	148
		SESCO	(91)	(107)	(29)
		WESCO	(77)	(29)	(8)
		OPTCL			(0)
	Sikkim	Sikkim PD	(9)	(11)	(6)
	West Bengal	WBPDCL	9	10	23
		WBSEB	(305)	(285)	(257)
Eastern Total			**(1,114)**	**(1,618)**	**(2,236)**

Region	State	Utility	2003-04	2004-05	2005-06
North Eastern	Arunachal Pradesh	Arunachal PD	(69)	(85)	(90)
	Assam	ASEB	(656)	(1,081)	(111)
		APGCL			(51)
		AEGCL			(1)
		CAEDCL			(24)
		LAEDCL			(27)
		UAEDCL			(42)
	Manipur	Manipur PD	(131)	(131)	(226)
	Meghalaya	MeSEB	64	(9)	(52)
	Mizoram	Mizoram PD	(46)	(61)	(33)
	Nagaland	Nagaland PD	(167)	(96)	(98)
	Tripura	Tripura PD	(76)	(55)	(8)
North Eastern Total			**(1,081)**	**(1,518)**	**(764)**
Northern	Delhi	BSES Rajdhani	(32)	60	89
		BSES Yamuna	(55)	7	46
		Delhi Transco	(1,791)	(955)	94
		Indraprashta	(22)	(52)	(49)
		NDPL	29	57	113
		Pragati	90	71	48
	Haryana	DHBVNL	(323)	(582)	(466)
		HPGCL	(0)	(35)	9
		HVPNL	166	1	(110)
		UHBVNL	(629)	(940)	(1,121)
	Himachal Pradesh	HPSEB	(46)	(37)	(56)
	Jammu & Kashmir	J&K PDCL	62	45	26
		J&K PDD	(1,051)	(1,125)	(1,375)
	Punjab	PSEB	(663)	(4,757)	(1,402)
	Rajasthan	AVVNL	(673)	(716)	(618)
		JDVVNL	(535)	(683)	(671)
		JVVNL	(525)	(615)	(340)
		RRVPNL	(23)	(2)	(3)
		RRVUNL	(21)	(20)	(19)
	Uttar Pradesh	DVVN	(397)	(707)	(840)
		MVVN	(231)	(635)	(671)
		Pash VVN	(172)	(604)	(599)
		Poorv VVN	(293)	(1,232)	(1,357)
		UPJVNL	(7)	(2)	(42)
		UPPCL	(631)	(247)	(149)
		UPRVUNL	(218)	(214)	(293)
	Uttaranchal	UJVNL	9	(9)	(2)
		Ut PCL	(49)	(169)	(215)
		Ut Transco		(13)	(20)
Northern Total			**(8,032)**	**(14,112)**	**(9,993)**

Region	State	Utility	2003-04	2004-05	2005-06
Southern	Andhra Pradesh	AP Genco	10	52	63
		AP Transco	60	31	138
		APCPDCL	(720)	(463)	(235)
		APEPDCL	(224)	(179)	(12)
		APNPDCL	(306)	(307)	(634)
		APSPDCL	(399)	(328)	(561)
	Karnataka	BESCOM	(176)	81	51
		GESCOM	(436)	(474)	(387)
		HESCOM	(666)	(819)	(637)
		KPCL	223	239	252
		KPTCL	(44)	109	(264)
		MESCOM	(218)	(253)	11
		VVNL	2	10	7
		CHESCOM			(174)
	Kerala	KSEB	(916)	(239)	(43)
	Pondicherry	Pondicherry PCL	13	11	9
		Pondicherry PD	25	53	30
	Tamil Nadu	TNEB	(1,360)	(2,101)	(2,535)
Southern Total			**(5,132)**	**(4,578)**	**(4,921)**
Western	Chhattisgarh	CSEB	346	135	414
	Goa	Goa PD	153	146	414
	Gujarat	GEB	(3,033)	(2,028)	
		GSECL	2	11	70
		DGVCL			(64)
		MGVCL			(84)
		PGVCL			(401)
		UGVCL			(575)
		GETCO			(14)
	Madhya Pradesh	MPSEB	(667)	450	84
		MPPGCL			5
		MPPTCL			(5)
		MP Madhya Kshetra VVCL			(395)
		MP Paschim Kshetra VVCL			(321)
		MP Purv Kshetra VVCL			(319)
	Maharashtra	MSEB	(549)	(768)	(291)
		MSEDCL			(304)
		MSPGCL			113
		MSPTCL			311
Western Total			**(3,748)**	**(2,054)**	**(1,632)**
Grand Total			**(19,107)**	**(23,880)**	**(19,546)**